BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2016-17/RD/WORK_INDENT25347

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/22/2016-17, Date: 09.03.2017

Improvements to roads, drains, footpaths and park in ward no. 08 (Package includes 11 works of Rs 1010 lakhs)

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Sri Pramodh M/s Karthik Enterprises	
				In Figures	In Words
1	73.6	KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 (P.No.136, I.No.18.20 of PW,P&IWTD SR 2016-17)	Cum	488.86	Rupees Four Hundred Eighty Eight and Eighty Six Paise Only
2	10125.29	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)	Sqm	84.48	Rupees Eighty Four and Forty Eight Paise Only
3	2231.91	Removing and Resetting of Footpath Slab	Sqm	138.94	Rupees One Hundred Thirty Eight and Ninety Four Paise Only
4	16048.83	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3	Cum	202.3	Rupees Two Hundred Two and Thirty Paise Only
5	842.36	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	5608.71	Rupees Five Thousand Six Hundred Eight and Seventy One Paise Only
6	1600.67	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.258, I.No.37.59.2 of PW, P&IWTD SR 2016-175)	Cum	11568.66	Rupees Eleven Thousand Five Hundred Sixty Eight and Sixty Six Paise Only
7	76.55	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2	Sqm	256.76	Rupees Two Hundred Fifty Six and Seventy Six Paise Only
8	551.16	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2	Sqm	325.67	Rupees Three Hundred Twenty Five and Sixty Seven Paise Only
9	238.3	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams.	Cum	6534.6	Rupees Six Thousand Five Hundred Thirty Four and Sixty Paise Only
10	89.33	KSRB - 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3.	T	62300.47	Rupees Sixty Two Thousand Three Hundred and Forty Seven Paise Only
11	3672.2	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick	Sqm	867.87	Rupees Eight Hundred Sixty Seven and Eighty Seven Paise Only

For KARTHIK ENTERPRISES

Signature of the contractor

Authorised Signatory

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Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Sri Pramodh M/s Karthik Enterprises	
				In Figures	In Words
12	10164	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications, (only chamfered length shall be recorded) KBS 5.1.13 (P.No.24, I.No.5.22 of PW,P&IWTD SR 2016-17)	Rmtr	38.9	Rupees Thirty Eight and Ninety Paise Only
13	3079.5	Providing One line dressing to granite stone slab/ granite stone masonry as per speciication (P.No.23, I.No.5.17 of PW,P&IWTD SR 2016-17)	Sqm	605.78	Rupees Six Hundred Five and Seventy Eight Paise Only
14	181.27	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13.	Cum	4653.92	Rupees Four Thousand Six Hundred Fifty Three and Ninety Two Paise Only
15	584	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(P.No.25, I.No.5.34 of PW, P&IWTD SR 2016-17)	Sqm	1008.15	Rupees One Thousand Eight and Fifteen Paise Only
16	421.25	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	107.82	Rupees One Hundred Seven and Eighty Two Paise Only
17	124.71	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2.	Cum	6047.76	Rupees Six Thousand Forty Seven and Seventy Six Paise Only
18	123.8	KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407	Cum	218.97	Rupees Two Hundred Eighteen and Ninety Seven Paise Only
19	1744	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.(P.No.109, I.No.14.62 of PW,P&IWTD S.R 2016-17))	Sqm	1205.99	Rupees One Thousand Two Hundred Five and Ninety Nine Paise Only
20	4131.99	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	1780.52	Rupees One Thousand Seven Hundred Eighty and Fifty Two Paise Only
21	564.9	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	4995.53	Rupees Four Thousand Nine Hundred Ninety Five and Fifty Three Paise Only
22	6690	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete	Nos	347.9	Rupees Three Hundred Forty Seven and Ninety Paise Only
23	504	Removing and Resetting of Kerb Stones	mtr	68.91	Rupees Sixty Eight and Ninety One Paise Only
24	1592.75	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8	Sqm	66.69	Rupees Sixty Six and Sixty Nine Paise Only

For KARTHIK ENTERPRISES

Signature of the contractor Pramodh

Authorised Signatory

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Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Sri Pramodh M/s Karthik Enterprises	
				In Figures	In Words
25	2389.63	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301	Cum	162.28	Rupees One Hundred Sixty Two and Twenty Eight Paise Only
26	1375.36	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406	Cum	1854.01	Rupees One Thousand Eight Hundred Fifty Four and One Paise Only
27	5510.44	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502	Sqm	28.9	Rupees Twenty Eight and Ninety Paise Only
28	51151.79	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5	Sqm	3.33	Rupees Three and Thirty Three Paise Only
29	79163.61	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5	Sqm	12.23	Rupees Twelve and Twenty Three Paise Only
30	1234.01	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507	Cum	6748.01	Rupees Six Thousand Seven Hundred Forty Eight and One Paise Only
31	2297.71	KSRRB M500-19. Providing and laying bituminous concrete 40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509	Cum	7623.89	Rupees Seven Thousand Six Hundred Twenty Three and Eighty Nine Paise Only
32	2694.58	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm	569.1	Rupees Five Hundred Sixty Nine and Ten Paise Only
33	160.2	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregate	cum	5776.55	Rupees Five Thousand Seven Hundred Seventy Six and Fifty Five Paise Only
34	1068	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.174, I.No.22.	Sqm	100.04	Rupees One Hundred and Four Paise Only
35	76	Providing groove cutting to concrete pavement for width of 5mm to 10mm and depth 80mm - 100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade, coolant, etc., including cleaning of grove & providing sand and hot bit	Rmtr	127.82	Rupees One Hundred Twenty Seven and Eighty Two Paise Only

For KARTHIK ENTERPRISES

Pramodh

Signature of the contractor

Authorised Signatory

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Executive Engineer

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				In Figures	In Words
36	35.64	Providing and fixing M S Grating	Sqm	6970.04	Rupees Six Thousand Nine Hundred Seventy and Four Paise Only
37	2573.7	KSRRB M2600-5.(iv) Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight complete as per specifications MORTH Specification No. 2605(P.No.243, I.No.31.5 of PW,P&IWTD S.R 2016-17)	Rmtr	25.56	Rupees Twenty Five and Fifty Six Paise Only
38	80	Providing Rainwater harvesting pits for Drains	Each	22020.6	Rupees Twenty Two Thousand Twenty and Sixty Paise Only
39	2092.2	KSRRB M800-35. Supply and Installation of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000kg tested in accordance to specification of category A of MORTH Circular No RW/NH/33023/10-97-Do III Dt 11.06.1997. The Height, width and length shall no exceed 50mm, 100mm, and 102mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19mm and height not less than 30 mm) from the body is to be a minimum vakue of 500 kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer with 2 years warranty for the reflectivity from the original manufacturer is mandatory along with necessary test certification from the certified laboratory. Third party test certificates from a reputed	Nos	376.8	Rupees Three Hundred Seventy Six and Eighty Paise Only
40	16	Manufacturing, Supply & Fixing of Retro- Reflection Road name sign board single Arrow size 1.98X0.9m size made out if wide angle cube corner micro prismatic grade sheeting confirming to IRC 67:2010 & type XI standards of ASTM D 4956-09 specifications and fixed over 2mm thick aluminium sheet back support frame of stainless stell supported by 30NB 1.2mm thick stainless steel pipe all around and 65NB 1.5mm thick pipe vertical post (AISI 202 Grade) firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 30cmx30cmx45cm etc.complete. The information message shal be made out of cut out letters in blue colour transparent overlay film as per IRC 67-2010 Guidelines, 7 years pre-qualification warranty for retro reflective sheeting from the original sheeting manufacturer and a certied copy of three years outdoor exposure report from an independent test lab for the product offered shall be submitted by the contractor. The sign board shall be Retro-Reflective Type XL	each	29622.95	Rupees Twenty Nine Thousand Six Hundred Twenty Two and Ninety Five Paise Only
41	1845	KSRRB M300-59.1. Loosening of the ground upto a level of 500mm below the subgrade level, watered, graded and compacted in layers to meet requirement of Table 300-2 for subgrade construction complete as per specifications. Case-I:Compacting original ground supporting subgrade, (which includes watering charges & compaction by vibratory roller) MORTH Specification No. 305.3.4(P.No.149, I.No.19.65 of PW,P&IWTD S.R 2016-17)	cum	57.8	Rupees Fifty Seven and Eighty Paise Only
42	4200	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3(P.No.149, I.No.19.64 of PW,P&IWTD S.R 2016-17)	Sqm	5.56	Rupees Five and Fifty Six Paise Only
43	325	KSRRB 500-3. Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100 m. sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications. MORTH specification clause 501(P.No.161, I.No.19.64 of PW, P&IWTD SR 2016-17)	Sqm	96.7	Rupees Ninety Six and Seventy Paise Only

For KARTHIK ENTERPRISES

Pramodh

Signature of the Contractor

Authorised Signatory

Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Sri Pramodh M/s Karthik Enterprises	
				In Figures	In Words
44	2229.63	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305(P.No.148, I.No.19.60 of PW, P&IWTD SR 2016-17)	Cum	335.68	Rupees Three Hundred Thirty Five and Sixty Eight Paise Only
45	577.08	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)	Sqm	698.03	Rupees Six Hundred Ninety Eight and Three Paise Only
46	45	Providing and making precast seating arrangement including excavation laying pcc M15, providing laying M20 concrete for pedestal and seating slab, fixing of seating slab including all necessary bolt and nuts etc, complete and as per the directions of Engineer in-Charge. (Data Rate)	Nos	2614.16	Rupees Two Thousand Six Hundred Fourteen and Sixteen Paise Only
47	429.38	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour & HOM of machineries, as per drawing and technical specification. (P.No.7, I.No.2.24 of PW, P&IWTD SR 2016-17)	Cum	75.58	Rupees Seventy Five and Fifty Eight Paise Only
48	40	KSRRB M200-29. Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately complete as per specifications. MORTH Specification No. 202 (P.No.139, I.No.18.54 of PW,P&IWTD S.R 2016-17)	Sqm	46.68	Rupees Forty Six and Sixty Eight Paise Only
49	40	Supplying and fixing M.S.Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead and lifts and as per the directions of the Engineer-in-charge of the work and including providing 2 coats of approved qulaity paint over one coat of shop painting.(excluding cost of earth work and concrete) (P.No.262, I.No.37.2 of PW,P&IWTD S.R 2016-17)	mtr	910.33	Rupees Nine Hundred Ten and Thirty Three Paise Only
50	84	Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint.(P.No.262, I.No.37.3 of PW,P&IWTD SR 2016-17)	sqm	732.49	Rupees Seven Hundred Thirty Two and Forty Nine Paise Only
51	80	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint..(P.No.262, I.No.37.4 of PW,P&IWTD SR 2016-17)	mtr	360.13	Rupees Three Hundred Sixty and Thirteen Paise Only
52	24	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should bethoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification(P.No.42, I.No7.37 of PW,P&IWTD S.R 2016-17))	sqm	3395.68	Rupees Three Thousand Three Hundred Ninety Five and Sixty Eight Paise Only

For KARTHIK ENTERPRISES

Signature of the contractor

Authorised Signatory

Executive Engineer

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				In Figures	In Words
53	514	KSRRB M800-7. Painting:-Providing and applying two coats of ready- mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications. MORTH Specification No. 803 Painting on Steel Surface(P.No.184, I.No24.8.1 of PW,P&IWTD S.R 2016-17))	sqm	61.13	Rupees Sixty One and Thirteen Paise Only
54	40.98	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)	cum	5871.03	Rupees Five Thousand Eight Hundred Seventy One and Three Paise Only
55	1029	KSRRB 2100.-2.2: Earthwork in excavation for foundations of structures as per drawings and techincal specifications including, setting out , construction of shoring & bracing , removal of stumps and other deleterious matter , dressing of sides and bottom and backfilling with approved material complete as per specifications .B. Machanical means (i) Depth - 3.0 Mtr to 6.0 m depth MORTH specification - No - 304(P.No.216, I.No.27.5 of PW,P&IWTD S.R 2016-17))	cum	167.15	Rupees One Hundred Sixty Seven and Fifteen Paise Only
56	65.55	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications, specification. No. KBS (P.No.6, I.No.2.15 of PW,P&IWTD S.R 2016-17))	cum	2394.08	Rupees Two Thousand Three Hundred Ninety Four and Eight Paise Only
57	41.1	KSRRB M2100-13. Plain / Reinforced Cement Concrete M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum in Open Foundation complete as per Drawing and Technical Specifications MORTH Specification No. 1500,1700 & 2100.(P.No.218, I.No.27.24 of PW,P&IWTD S.R 2016-17)	cum	6648.84	Rupees Six Thousand Six Hundred Forty Eight and Eighty Four Paise Only
58	146.25	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete.(1.50 mtrs depth below LWL.)(P.No.264, I.No.37.41.1 of PW,P&IWTD S.R 2016-17)	cum	303.51	Rupees Three Hundred Three and Fifty One Paise Only
59	52.5	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete.(beyond 1.50 mtrs depth upto & including 3m)(P.No.264, I.No.37.41.2 of PW,P&IWTD S.R 2016-17)	cum	373.72	Rupees Three Hundred Seventy Three and Seventy Two Paise Only
60	20.8	KSRRB M800-43. Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 45°, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001 complete as per specifications.(P.No.190, Item no 24.44 of PW,P&IWTD S.R 2016-17))	cum	2686.26	Rupees Two Thousand Six Hundred Eighty Six and Twenty Six Paise Only
61	77.03	KSRRB M2100-20.2. Plain / Reinforced Cement Concrete in Open Foundation with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008. case II : With Batching Plant, Transit Mixer and Concrete Pump MORTH Specification No. 1500,1700 & 2100(P.No.220, I.No.27.37 of PW,P&IWTD S.R 2016-17)	cum	7305.68	Rupees Seven Thousand Three Hundred Five and Sixty Eight Paise Only
62	140.94	KSRRB M2200-5.19. Design mix M35 with OPC cement @ 390kgs,with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 - ii) For height, upto 5m,(P.No.224, I.No.28.7.18 of PW,P&IWTD S.R S.R 2016-17)	cum	8229.79	Rupees Eight Thousand Two Hundred Twenty Nine and Seventy Nine Paise Only

For KARTHIK ENTERPRISES

Pramodh

Authorised Signatory

Signature of the contractor

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Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Sri Pramodh M/s Karthik Enterprises	
				In Figures	In Words
63	40.46	KSRRB M2300-8.1. Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. D. RCC / PSC with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, Case - II : Using Batching Plant, Transit Mixer & Concrete Pump MORTH Specification No. 1500,1600 & 1700-Height upto 5 m(P.No.233 , I.No.29.16.1 of PW,P&IWTD S.R S.R 2016-17)	cum	8324.92	Rupees Eight Thousand Three Hundred Twenty Four and Ninety Two Paise Only
64	23.75	KSRRB M2200 -6 Supplying , fitting and placingTMT bar Fe 550 reinforcement in sub-structure complete as per drawing & technical specification complete as per the specification . MORTH Specification No.1600 & 2200(P.No.225 , I.No.28.8.3 of PW,P&IWTD S.R 2016-17)	cum	62834.96	Rupees Sixty Two Thousand Eight Hundred Thirty Four and Ninety Six Paise Only
65	5.46	KSRRB M2300 -14. supplying , fitting and placing TMT bar Fe 550 reinforcement in super-structure complete as per as per drawing & technical specification complete as per the specification . MORTH Specification No.1600.(P.No.238 , I.No.29.29.3 of PW,P&IWTD S.R 2016-17))	cum	63844.01	Rupees Sixty Three Thousand Eight Hundred Forty Four and One Paise Only
66	82.5	KSSRB M220 - 8. Providing weep holes in Brick masnory / Plain / Reinforced concrete abutment, wing wall / return wall with 100mm dia AC pipe, extending through the full width of the structure with slope of 1V:20H towards drawing foce. Complete as per drawing and Technical specifications complete as per specifications. MORTH Specification No. 2706 & 2200 (P.No.225, I.No.28.10 of PW,P&IWTD S.R 2016-17))	cum	190.26	Rupees One Hundred Ninety and Twenty Six Paise Only
67	7.2	KSRRB M2700-4. Providing, fitting and fixing mild steel railing complete as per drawing and Technical Specification complete as per specifications MORTH Specification No. 2703.2, 1900'(P.No.246, I.No.32.4 of PW,P&IWTD S.R 2016-17))	cum	3292.14	Rupees Three Thousand Two Hundred Ninety Two and Fourteen Paise Only
68	6	KSRRB M2700-5. Drainage Spouts complete as per drawing and Technical specification complete as per specifications MORTH Specification No. 2705(P.No.246, I.No.32.5 of PW,P&IWTD S.R 2016-17))	cum	1862.94	Rupees One Thousand Eight Hundred Sixty Two and Ninety Four Paise Only
69	137.7	KSRRB 2200-9 Filter Media Providing & laying of Filter media With Granular meterails / Stone crushed aggregates satisfying the requirement laid down in clause 2500.4.2.2 of MORTH Specification to a thickness on not less than 600 mm width smaller size towards the soil & bigger size towards wall & provided over the entire surface behind Abutment, Wing wall & return wall to the full height compacted to a firm condition complete as per Drawing & Techincal Specifications. Complete as per specification MORTH Specification No. 710.14of IRC: 78& 2200(P.No.225, I.No.28.13 of PW,P&IWTD 2016-17))	cum	1467.7	Rupees One Thousand Four Hundred Sixty Seven and Seventy Paise Only
70	405	KSRRB 2200-8.1 Back filling behind Abutment, Wing wall & return wall to the full height compacted to a firm condition complete as per Drawing & Techincal Specifications. Complete as per specification A. Granular Material MORTH Specification No. 710.14of IRC: 78& 2200.With all Leads & Lift etc & as per the direction of the Engineer Incharge of the Work.(P.No.225, I.No.28.11 of PW,P&IWTD S.R 2016-17))	cum	593.42	Rupees Five Hundred Ninety Three and Forty Two Paise Only
71	60	KSRRB M2500-11. Construction of flexible apron 1 m thick comprising of loose stone boulders weighing not less than 40 kg beyond curtain wall complete as per specifications MORTH Specification No. 2507.2(P.No.241, I.No.30.14 of PW,P&IWTD S.R 2016-17))	cum	1634.18	Rupees One Thousand Six Hundred Thirty Four and Eighteen Paise Only
72	18	KSRRB 2500 - 5.1 Providing & laying , flooring complete as per and technical specifiactions laid over cement concrete bedding complete as per specification. A. Rubble Stone laid in CM 1:3 MORTH Specification No. 2505(P.No.240, Item no 30.7 of PW,P&IWTD S.R 2016-17))	cum	5165.28	Rupees Five Thousand One Hundred Sixty Five and Twenty Eight Paise Only
73	18	KSRRB M2500-10.Curtain wall complete as per drawing and Technical Specifications. B. Cement Concrete Grade M-15 MORTH Specification No. 2507.2(P.No.241, Item no 30.13 of PW,P&IWTD S.R 2016-17))	cum	5903.66	Rupees Five Thousand Nine Hundred Three and Sixty Six Paise Only

For KARTHIK ENTERPRISES

Pramodh

Signature of the contractor Authorised Signatory

Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Sri Pramodh M/s Karthik Enterprises	
				In Figures	In Words
74	60.18	KSRRB M200-15.2. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. iii) Dismantling Stone Masonry B. Rubble Stone maonry in cement mortar (P.No.138, I.No.18.27 of PW,P&IWTD SR 2016-17)	cum	376.59	Rupees Three Hundred Seventy Six and Fifty Nine Paise Only
75	81	KSRRB M400-6.2: Construction of granular sub-base by providing Close graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with mortar grader on prepared surface and compacting with vibratory roller to achieve the desired density, complete as per specifications. A Plant Mix methad For Grading II Material (P.No.155, I.No.20.4.2 of PW,P&IWTD SR 2016-17)	cum	1746.19	Rupees One Thousand Seven Hundred Forty Six and Nineteen Paise Only
76	242.73	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)	cum	698.03	Rupees Six Hundred Ninety Eight and Three Paise Only
77	19315.3	Add cost of Waste Plastic @ 8% of Bitumen weight	kgs	28.31	Rupees Twenty Eight and Thirty One Paise Only

For KARTHIK ENTERPRISES

Signature of the Contractor

Authorised Signatory

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

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